This evaluation is intended to make sure that you have learned the skills and information that we have been working on together over the last week-plus. You will be graded on this assignment; it is a large part of your grade for the first three weeks of the year. We will work on this project for the next two days in class; it is due to me BEFORE class on Monday, October 3rd. Your task is outlined below.

I encourage you to use the instructions below as a checklist. You need to:

1. Download “Bohan Run” from the website <faadvfunctions.wikispaces.com>
2. Using Logger Pro,
   1. Insert the video
   2. Set the scale using the lines on the field
   3. Tag points on Bohan as he runs
   4. Set the origin to the correct position (so that he starts running at 0,0)
   5. Set the video time synchronization so that zero time = zero distance
   6. Display **only** X(ft) on the y-axis of the graph
   7. Change the y-axis label so that it reads “Distance (ft)”
   8. Use the linear regression tool to fit a line to the data points
   9. Save the file on your Z-drive with the title “YourFirstandLastName.videoproject”
3. Email the file to me at [jminnich@fryeburgacademy.org](jminnich@fryeburgacademy.org%20) as an attachment.
   1. In the subject line of the email, write “Video Project”
   2. In the body of the email, answer the following questions:
      1. What was Bohan’s average speed (in ft/sec)?
      2. On a scale of 0-100, where 0 represents “no fit” and 100 represents “perfect fit,” how well does your linear function fit the data points?

I must receive this email BEFORE the beginning of class on Monday in order for you to receive full credit. If you need help with any of the steps in LoggerPro, I have posted a series of helpful videos on the class website on the “Tutorials” page. These are arranged by task description.

Good Logging,

Mr. Minnich